



Patent
Attorney's Docket No. 009683-373

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Eiro FUJII et al.) Group Art Unit: 2877
Application No.: 10/075,230) Examiner: H. Pham
Filed: February 15, 2002) Conf. No. 9729
For: MEASURING SYSTEM WITH)
IMPROVED METHOD OF READING)
IMAGE DATA OF AN OBJECT)

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AMENDMENT AND RESPONSE TO ELECTION OF SPECIES REQUIREMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated July 17, 2002, please amend the above-identified application as follows:

IN THE CLAIMS:

Please add new claim 28 as follows:

--28. (New) An image input system, comprising:
a measuring unit for measuring an object and for generating shape data of the object;
a calculating unit for calculating coordinate transformation information based upon a plurality of shape data obtained from a plurality of surface regions of the object as the measuring unit and object have relative rotational motion about an axis of rotation, said coordinate transformation information including at least one of a position of the axis of rotation and a relative angle of rotation; and
a processing unit for synthesizing at least some of the plurality of shape data in accordance with the calculated coordinate transformation information.--

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02 FC:103

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